

REMARKS

Claims 10 and 11 are added as new claims. Support is found, for example, on page 7 line 14 to page 8, line 7 of the specification and in the original claims. Withdrawn claim 3 is amended to correct minor informalities. No new matter is presented.

Accordingly, upon entry of the Amendment, claims 1-11 will be all of the claims pending in the application.

I. Election/Restriction

Applicant affirms the election to prosecute Group I, claims 6-9, without traverse. Method claim 1 has been amended to include all of the elements of product claim 6. Rejoinder of the method claims is respectfully requested upon allowance of the product claims.

II. Response to Claim Rejection – 35 U.S.C. § 103

Claims 6-9 are rejected under 35 U.S.C. § 103 as allegedly being unpatentable over U.S. Patent No. 6,433,359 to Kelley et al in view of U.S. Patent No. 6,905,906 to Sirringhaus et al.

Applicant respectfully traverses the rejection and submit that the cited references, whether taken alone or in combination, do not teach or suggest the presently claimed invention.

One feature of the present invention is that the insulating material of the metal oxide material is irradiated with ultraviolet rays in an ozone atmosphere thereby to remove contaminants from the surface and to uniformly produce hydroxyl groups on the surface.

As admitted by the Examiner, Kelley et al fails to disclose a gate insulating layer having a large number of hydroxyl groups. To remedy this deficiency the Examiner relies on Sirringhaus et al as teaching a surface of a gate insulating layer (PVP) having a large number of hydroxyl groups uniformly.

The PVP of Sirringhaus et al is a polymer having a large number of hydroxyl groups. However, Sirringhaus et al fails to disclose that the hydroxyl groups are uniformly produced on the surface.

Thus, Sirringhaus et al does not make up for the deficiencies of Kelley et al and one of ordinary skill in the art would not have had a reasonable expectation of success in achieving the claimed invention based on the teachings of Kelley et al and Sirringhaus et al.

Accordingly, Applicant respectfully requests withdrawal of the rejection.

III. Conclusion

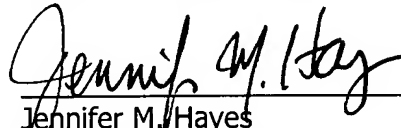
In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 10/829,179

ATTY DKT Q81224

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


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